

STATE OF NEBRASKA CLASS SPECIFICATION
HIGHWAY REGISTERED LAND SURVEYOR

EST: 01/96 – REV: 12/19
CLASS CODE: V55782

DESCRIPTION: Under limited supervision of the Deputy State Surveyor is responsible for conducting and approving land surveys to re-establish government corners; may supervise survey crews; performs related work as required.

DISTINGUISHING CHARACTERISTICS: (A position is assigned to this class based on the scope and level of work performed as outlined below.)

Not applicable.

EXAMPLES OF WORK: (A position may not be assigned all the duties listed, nor do the listed examples include all the duties that may be assigned.)

Reestablishes obliterated government corners and block and lot corners.

Sets or finds all points necessary to perform right-of-way surveys.

Files complete survey documents with the State Surveyor and the appropriate counties as permanent records for further references, as stipulated by State Statutes.

Resolves survey problems between property, right-of-way and section lines.

Appears in court as an expert witness for authenticity and accuracy of survey procedures and records.

Applies survey law in analyzing and detecting errors in legal descriptions and surveys; makes the necessary corrections.

Communicates with county and private surveyors on the location of land corners.

Answers survey related questions from people within the Department and from the private sector, as well as private, county, and federal surveyors.

Trains survey technicians in the interpretation of survey computer data.

Responsible for mission planning of all cadastral and Global Positioning System (GPS) Surveys.

Schedules survey crews work assignments.

Prepares, signs, and generates performance reports, time sheets, leave slips and other related documents of the people working under their supervision.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED: (These are needed to perform the work assigned.)

Knowledge of: survey law and procedures as outline in "Manual of Instructions for the Survey of The Public Lands of the United States"; the restoration of land and obliterated corners; astronomical observations; surveying techniques and procedures; how NDOR surveys relate to design and right-of-way practices; technical software applications as related to GPS surveying; Nebraska riparian law; Nebraska survey laws, standards and requirements; the requirements for filing legal survey documents; land surveying laws and practices; the location of pertinent archived survey information; GPS operations and procedures in the field and office; NDOR Design and Right-of-Way operations; the rectangular system of public lands.

Ability to: interpret technical data; prepare and file technical reports and documents; communicate both orally and in writing; analyze related surveying information for proper corner location; schedule work assignments; work with various government and private individuals in the performance of the completion of land surveys; operate various surveying instruments designed for angle, distances and elevation determinations; research and copy survey records; draft survey plats using CAD; interpret legal descriptions; compute survey information for the determination of bearings and distances, and coordinate values in the field and office; prepare and process final survey information; determine the accuracy of survey by the use of calculators, computers and "Double Meridian Distances"; download, process, and generate coordinates from GPS data; oversee or supervise the work of other surveyors as required.

Skill in: writing legal descriptions; the use of collateral evidence for the re-establishment of land corners; communicating with others; analyzing accuracy of survey; the identification of evidence for the determination of correct property corner placement; the detailed research of all known records of proper corner locations; measuring and computing angles distances and elevations; the use of "Nebraska Traverse"; MICRO-STATION" "GPSURVEY" and TRIMNET"; retracing centerline an previous surveys; the correct placement and measurements of reference monuments and ties.

MINIMUM QUALIFICATIONS: (Applicants will be screened for possession of these qualifications. Applicants who need assistance in the selection process should request this in advance.)

Registration as a Land Surveyor as defined by the Nebraska Board of Examiners for Land Surveyors is required. Applicants must be registered at time of application or be able to obtain such a license within 90 days of employment.

The type and amount of education and experience needed is cited in Nebraska State Statutes 81-8,117, and outlined in the following Legal Requirements section. Additional information is available from the Nebraska Board of Examiners for Land Surveyors.

LEGAL REQUIREMENTS: (These qualifications are mandated by federal/state laws, statutes, and/or regulations.)

No person shall be eligible for registration unless:

- a. He or she has successfully passed an examination designed to determine his or her proficiency and qualification to engage in the practice of land surveying. No applicant shall be entitled to take such examination until he or she shows the necessary practical experience in land surveying work; and
- b. He or she

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- i. has not less than six years of surveying experience of which five years must be as defined in subdivision (4) of section 81-8,109, and three of such five years must have been in a responsible position as a subordinate to a licensed land surveyor, or
- ii. has graduated, after a course of not less than four years in surveying, engineering, or other approved curriculum, with proportionate credit for lesser time, from a school or college approved by the examining board as of satisfactory standing and has an additional two years of practice in a responsible position.

SPECIAL NOTES:

Specific positions in this class may require an employee to possess a valid Nebraska driver's license.

Some overnight travel may be required.

State agencies are responsible to evaluate each of their positions to determine their individual overtime eligibility status as required by the Fair Labor Standards Act (FLSA).